

09500849

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LOGINID:SSSPTA1613SXW

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2	Jan 25	BLAST(R) searching in REGISTRY available in STN on the Web
NEWS	3	Jan 29	FSTA has been reloaded and moves to weekly updates
NEWS	4	Feb 01	DKILIT now produced by FIZ Karlsruhe and has a new update frequency
NEWS	5	Feb 19	Access via Tymnet and SprintNet Eliminated Effective 3/31/02
NEWS	6	Mar 08	Gene Names now available in BIOSIS
NEWS	7	Mar 22	TOXLIT no longer available
NEWS	8	Mar 22	TRCTHERMO no longer available
NEWS	9	Mar 28	US Provisional Priorities searched with P in CA/CAPLUS and USPATEFULL
NEWS	10	Mar 28	LIPINSKI/CALC added for property searching in REGISTRY
NEWS	11	Apr 02	PAPERCHEM no longer available on STN. Use PAPERCHEM2 instead.
NEWS	12	Apr 08	"Ask CAS" for self-help around the clock
NEWS	13	Apr 09	BEILSTEIN: Reload and Implementation of a New Subject Area
NEWS	14	Apr 09	ZDB will be removed from STN
NEWS	15	Apr 19	US Patent Applications available in IFICDB, IFIPAT, and IFIUDB
NEWS	16	Apr 22	Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS
NEWS	17	Apr 22	BIOSIS Gene Names now available in TOXCENTER
NEWS	18	Apr 22	Federal Research in Progress (FEDRIP) now available
NEWS EXPRESS			February 1 CURRENT WINDOWS VERSION IS V6.0d, CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP), AND CURRENT DISCOVER FILE IS DATED 05 FEBRUARY 2002
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS INTER			General Internet Information
NEWS LOGIN			Welcome Banner and News Items
NEWS PHONE			Direct Dial and Telecommunication Network Access to STN
NEWS WWW			CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 10:12:58 ON 01 MAY 2002

09500849

=> l reg

L IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

0.21

0.21

FULL ESTIMATED COST

FILE 'REGISTRY' ENTERED AT 10:13:05 ON 01 MAY 2002
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STRUCTURE FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0
DICTIONARY FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

Uploading 09500849.str

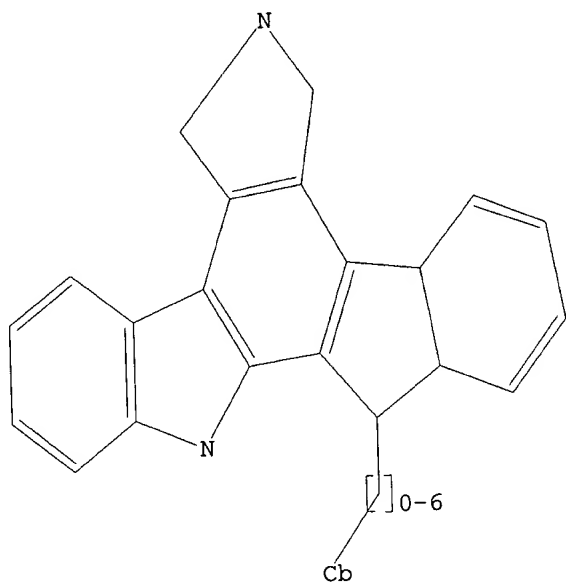
L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR

09500849



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 10:13:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 160 TO ITERATE

100.0% PROCESSED 160 ITERATIONS
SEARCH TIME: 00.00.01

0 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 2442 TO 3958
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:13:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 3213 TO ITERATE

100.0% PROCESSED 3213 ITERATIONS
SEARCH TIME: 00.00.02

9 ANSWERS

L3 9 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS

SINCE FILE
ENTRY
140.28

TOTAL
SESSION
140.49

FULL ESTIMATED COST

FILE 'CAPLUS' ENTERED AT 10:13:46 ON 01 MAY 2002
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FILE COVERS 1907 - 1 May 2002 VOL 136 ISS 18
FILE LAST UPDATED: 29 Apr 2002 (20020429/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

CAS roles have been modified effective December 16, 2001. Please check your SDI profiles to see if they need to be revised. For information on CAS roles, enter HELP ROLES at an arrow prompt or use the CAS Roles thesaurus (/RL field) in this file.

=> s l3 full

L4 1 L3

=> d l4 ibib abs hitstr

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:573797 CAPLUS

DOCUMENT NUMBER: 133:177158

TITLE: Preparation of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use

INVENTOR(S): Hudkins, Robert L.; Reddy, Dandu; Singh, Jasbir; Stripathy, Rabindranath; Underiner, Theodore L.

PATENT ASSIGNEE(S): Cephalon, Inc., USA

SOURCE: PCT Int. Appl., 131 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

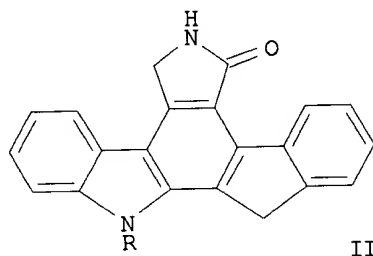
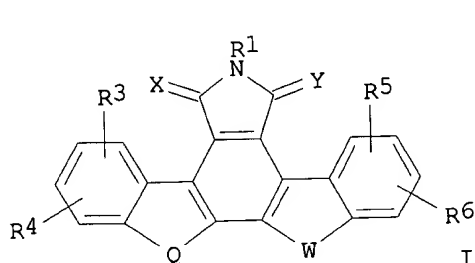
PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047583	A1	20000817	WO 2000-US3476	20000211
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
EP 1165562	A1	20020102	EP 2000-911759	20000211
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO			
NO 2001003887	A	20011011	NO 2001-3887	20010809
PRIORITY APPLN. INFO.:			US 1999-119834P	P 19990212

09500849

US 2000-500849 A 20000210
WO 2000-US3476 W 20000211

OTHER SOURCE(S):
GI

MARPAT 133:177158



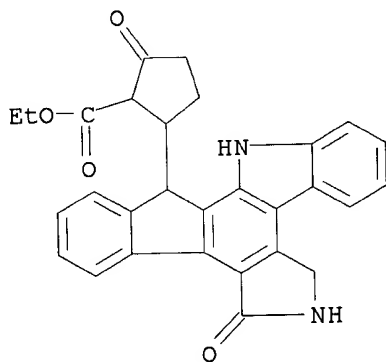
AB Fused pyrrolocarbazoles and isoindolones, such as I [R1 = H, alkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl; R3-6 = H, CN, CF3, OH, CH2OH, halogen, aryl, heteroaryl, acyl, acyloxy, amino, etc.; Q = O, S, NR7; W = CR8R9; X, Y = H2, O; R7 = H, alkyl, heterocyclalkyl, etc.; R8, R9 = H, OH, cycloalkyl, cycloalkylmethyl, heterocyclalkyl, heterocyclalkyl, etc.], were prepd. for use as agents for the regulation of protein kinase and for the treatment of prostate disorders, neoplasia, rheumatoid arthritis, pulmonary fibrosis, etc. Thus, II (R = oxiranylmethyl) was prepd. in 71% yield by via reaction of (+-)-glycidyl mesylate and Rink's acid resin bound 6,7,12,13-tetrahydro-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one. The prepd. compds. were tested for inhibitory activity against a variety of protein kinases, such as trkA tyrosine kinase, vascular endothelial growth factor receptor kinase, protein kinase C, etc.

IT 288569-29-9P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)
(prepn. of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use)

RN 288569-29-9 CAPLUS

CN Cyclopentanecarboxylic acid, 2-oxo-5-(6,7,12,13-tetrahydro-5-oxo-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-13-yl)-, ethyl ester (9CI) (CA INDEX NAME)



IT 288568-90-1P 288568-92-3P 288568-93-4P

288569-24-4P 288569-30-2P 288569-33-5P

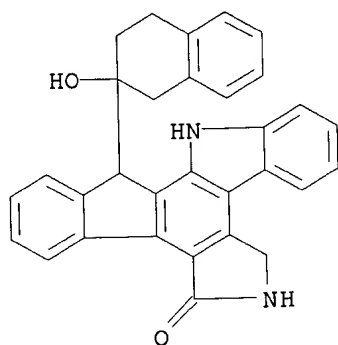
288569-39-1P

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use)

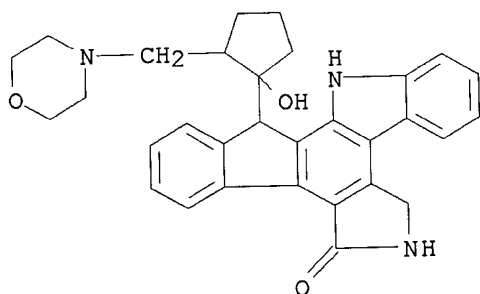
RN 288568-90-1 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-(1,2,3,4-tetrahydro-2-hydroxy-2-naphthalenyl)- (9CI) (CA INDEX NAME)



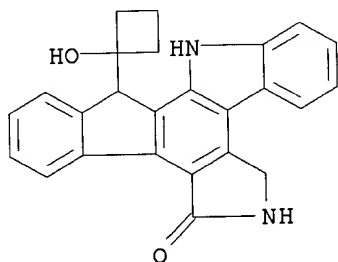
RN 288568-92-3 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-[1-hydroxy-2-(4-morpholinylmethyl)cyclopentyl]- (9CI) (CA INDEX NAME)



RN 288568-93-4 CAPLUS

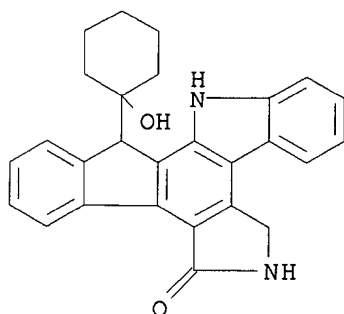
CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-(1-hydroxycyclobutyl)- (9CI) (CA INDEX NAME)



RN 288569-24-4 CAPLUS

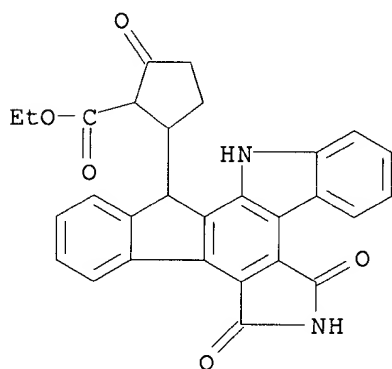
09500849

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-(1-hydroxycyclohexyl)- (9CI) (CA INDEX NAME)



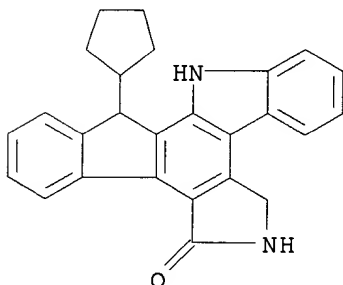
RN 288569-30-2 CAPLUS

CN Cyclopentanecarboxylic acid, 2-oxo-5-(6,7,12,13-tetrahydro-5,7-dioxo-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-13-yl)-, ethyl ester (9CI) (CA INDEX NAME)



RN 288569-33-5 CAPLUS

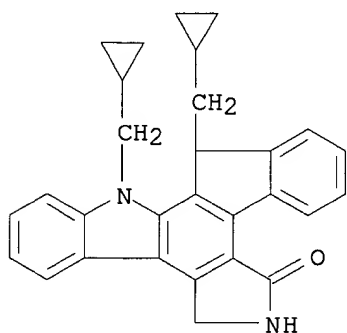
CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 13-cyclopentyl-6,7,12,13-tetrahydro- (9CI) (CA INDEX NAME)



RN 288569-39-1 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 12,13-bis(cyclopropylmethyl)-6,7,12,13-tetrahydro- (9CI) (CA INDEX NAME)

09500849



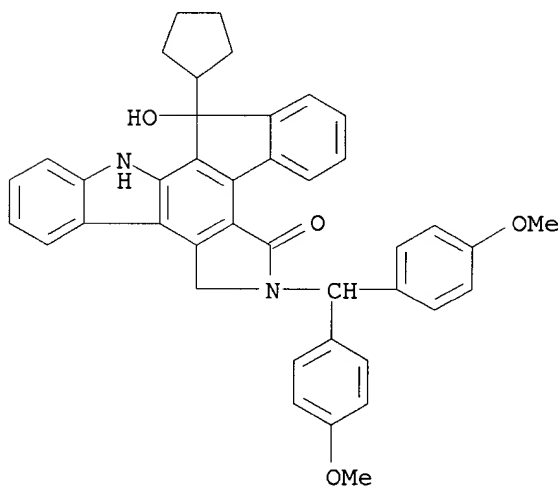
IT **288569-51-7P**

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(prepn. of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use)

RN 288569-51-7 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6-[bis(4-methoxyphenyl)methyl]-13-cyclopentyl-6,7,12,13-tetrahydro-13-hydroxy- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

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FILE 'HOME' ENTERED AT 10:15:56 ON 01 MAY 2002

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=> fil reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 10:16:00 ON 01 MAY 2002

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DICTIONARY FILE UPDATES: 29 APR 2002 HIGHEST RN 409058-68-0

TSCA INFORMATION NOW CURRENT THROUGH July 7, 2001

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Calculated physical property data is now available. See HELP PROPERTIES
for more information. See STNote 27, Searching Properties in the CAS
Registry File, for complete details:

<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=>

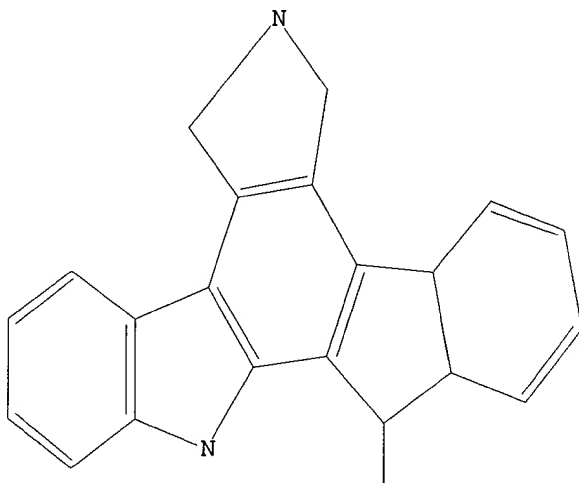
Uploading 500849b.str

L1 STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss am

COMBINATION OF STRUCTURE AND TEXT TERMS NOT VALID

The query entered contains both search terms created by

09500849

structure-building or screen commands and text search terms. L#s created via the STRUCTURE or SCREEN commands must be searched in the structures files separately from text terms or profiles. The L# answer sets from structure searches can be used in crossover searches and can be combined with text terms.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 10:16:22 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 28 TO ITERATE

100.0% PROCESSED 28 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 243 TO 877
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 full

FULL SEARCH INITIATED 10:16:26 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 418 TO ITERATE

100.0% PROCESSED 418 ITERATIONS 9 ANSWERS
SEARCH TIME: 00.00.01

L3 9 SEA SSS FUL L1

=> fil caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	140.28	140.49

FILE 'CAPLUS' ENTERED AT 10:16:32 ON 01 MAY 2002
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FILE COVERS 1907 - 1 May 2002 VOL 136 ISS 18
FILE LAST UPDATED: 29 Apr 2002 (20020429/ED)

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=> s l3 full
L4 3 L3

=> d l4 1-3 ibib abs hitstr

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2002:171684 CAPLUS

DOCUMENT NUMBER: 136:216643

TITLE: Preparation of fused pyrrolocarbazoles as novel agents
for treating or preventing angiogenic,
neurodegenerative, or pathological disorders.

INVENTOR(S): Gingrich, Diane E.; Hudkins, Robert L.

PATENT ASSIGNEE(S): Cephalon, Inc., USA

SOURCE: PCT Int. Appl., 64 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

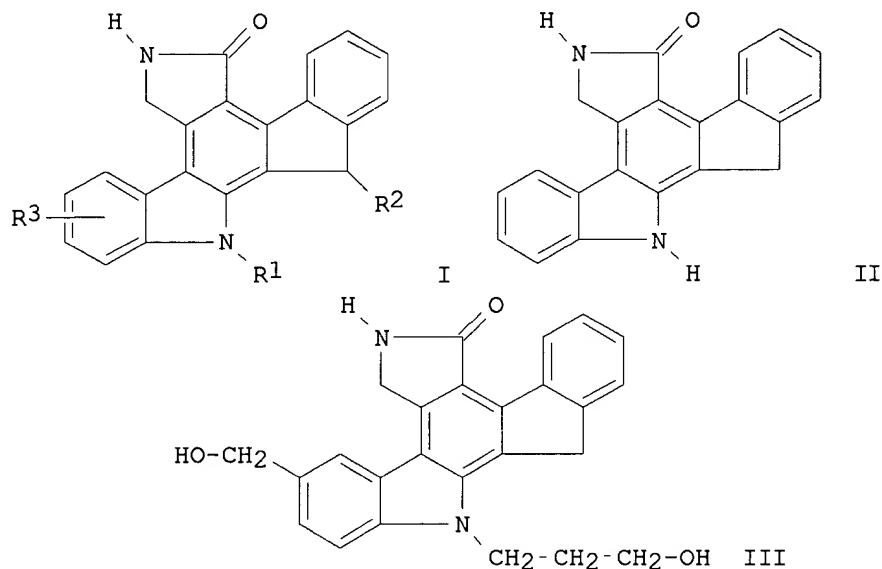
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002017914	A2	20020307	WO 2001-US26266	20010823
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			

PRIORITY APPLN. INFO.: US 2000-227803P P 20000825
US 2001-278455P P 20010323

OTHER SOURCE(S): MARPAT 136:216643

GI



AB This invention discloses the prepn. of title compds. I and their prodrugs or pharmaceutically acceptable salts [wherein: R₁, R₂ = H, C1-8alkyl-OR₄; R₄ = H, C1-4alkyl, aryl, e.g., Ph or naphthyl, amino acid ester; R₃ = CH₂OR₇, (CH₂)₁₋₄S(O)O-2R₅, C1-8alkyl-OR₈, C1-8alkyl-S(O)O-2R₆; R₅ = C1-4alkyl, aryl; R₈ = H, C1-4alkyl, aryl, amino acid ester; R₆ = H, C1-4alkyl, C₆₋₁₀aryl; R₇ = H, C1-4alkyl]. For example, Michael addn. of Et acrylate to indole II, followed by lactam nitrogen protection, e.g., dimethoxybenzhydrol, ester redn., indole bromination, palladium-catalyzed carbonylation, ester redn., and lactam deprotection provided diol III. I may be used in a variety of ways, including: inhibition of angiogenesis; antitumor agents; enhancing the function and or survival of cells of neuronal lineage, either singularly or in combination with neurotrophic factor(s) and/or indolocarbazoles; enhancing trophic factor-induced activity; inhibition of kinases; inhibition of vascular endothelial growth factor receptor (VEGFR) kinase, preferably VEGFR2; inhibition of mixed lineage kinase (MLK); trk kinase; inhibition of platelet-derived growth factor receptor (PDGFR) kinase; inhibition of NGF-stimulated trk phosphorylation; inhibition of protein kinase C (PKC) activity; inhibition of trk tyrosine kinase activity; inhibition of proliferation of a prostate cancer cell-line; inhibition of the cellular pathways involved in the inflammation process; and enhancement of the survival of neuronal cells at risk of dying. Bioassay data, IC₅₀ or % inhibition @ 300 nM, of the 40 claimed examples, for inhibition of vascular endothelial growth factor receptor kinase activity, e.g., compd. III (IC₅₀ = 208 nM), was disclosed. Inhibition of mixed lineage kinase activity data, IC₅₀ = nM or % inhibition at 100 nM, was also presented for the 40 claimed compds. e.g., compd. III against: MLK1 = 9.0 nM, MLK2 = 64%, and MLK3 = 5.0 nM. Also investigated (no data), the inhibition of trkA tyrosine kinase activity, of platelet derived growth factor receptor kinase activity, and of NGF-stimulated trk phosphorylation of a whole cell prepn. are presented. Claims included 40 specific examples. The syntheses of 1 example and 8 intermediates are described.

IT **402857-50-5P 402857-72-1P**

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

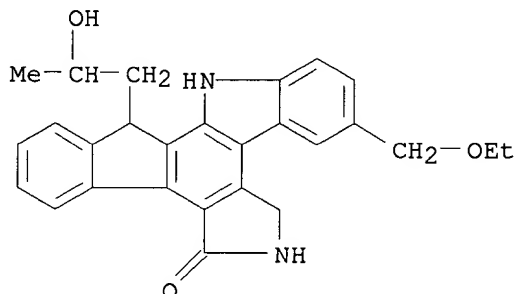
(drug candidate; prepn. of fused pyrrolocarbazoles as novel

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antiproliferative/antiinflammatory agents)

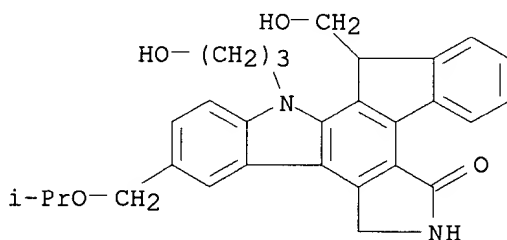
RN 402857-50-5 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 9-(ethoxymethyl)-6,7,12,13-tetrahydro-13-(2-hydroxypropyl)- (9CI) (CA INDEX NAME)



RN 402857-72-1 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-(hydroxymethyl)-12-(3-hydroxypropyl)-9-[(1-methylethoxy)methyl]- (9CI) (CA INDEX NAME)



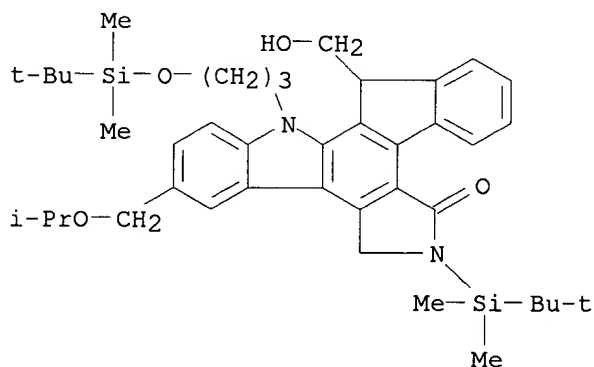
IT 402857-78-7P

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

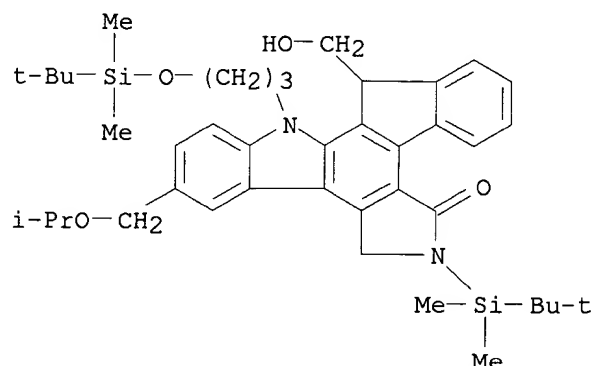
(intermediate; prepn. of fused pyrrolocarbazoles as novel antiproliferative/antiinflammatory agents)

RN 402857-78-7 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6-[(1,1-dimethylethyl)dimethylsilyl]-12-[3-[(1,1-dimethylethyl)dimethylsilyl]oxy]propyl]-6,7,12,13-tetrahydro-13-(hydroxymethyl)-9-[(1-methylethoxy)methyl]- (9CI) (CA INDEX NAME)



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L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:573797 CAPLUS

DOCUMENT NUMBER: 133:177158

TITLE: Preparation of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use

INVENTOR(S): Hudkins, Robert L.; Reddy, Dandu; Singh, Jasbir; Stripathy, Rabindranath; Underiner, Theodore L.

PATENT ASSIGNEE(S): Cephalon, Inc., USA

SOURCE: PCT Int. Appl., 131 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

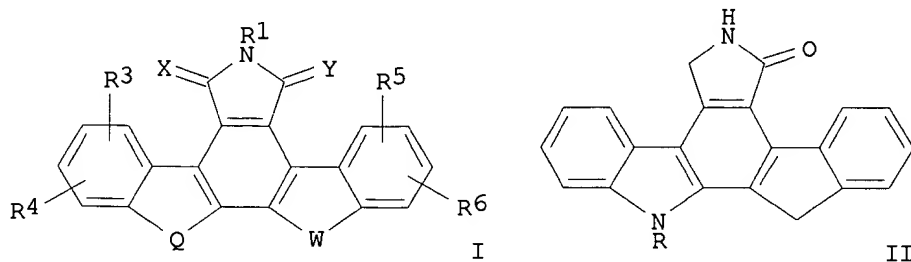
FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000047583	A1	20000817	WO 2000-US3476	20000211
W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1165562	A1	20020102	EP 2000-911759	20000211
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
NO 2001003887	A	20011011	NO 2001-3887	20010809
PRIORITY APPLN. INFO.:				
			US 1999-119834P	P 19990212
			US 2000-500849	A 20000210
			WO 2000-US3476	W 20000211

OTHER SOURCE(S): MARPAT 133:177158

GI



AB Fused pyrrolocarbazoles and isoindolones, such as I [R1 = H, alkyl, aryl, arylalkyl, heteroaryl, heteroarylalkyl; R3-6 = H, CN, CF₃, OH, CH₂OH, halogen, aryl, heteroaryl, acyl, acyloxy, amino, etc.; Q = O, S, NR₇; W = CR₈R₉; X, Y = H₂, O; R₇ = H, alkyl, heterocyclylalkyl, etc.; R₈, R₉ = H, OH, cycloalkyl, cycloalkylmethyl, heterocyclyl, heterocyclylalkyl, etc.], were prepd. for use as agents for the regulation of protein kinase and for the treatment of prostate disorders, neoplasia, rheumatoid arthritis, pulmonary fibrosis, etc. Thus, II (R = oxiranylmethyl) was prepd. in 71% yield by via reaction of (+-)-glycidyl mesylate and Rink's acid resin bound 6,7,12,13-tetrahydro-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one. The prepd. compds. were tested for inhibitory activity against a variety of protein kinases, such as trkA tyrosine kinase, vascular endothelial growth factor receptor kinase, protein kinase C, etc.

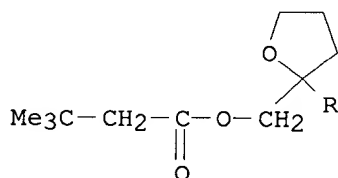
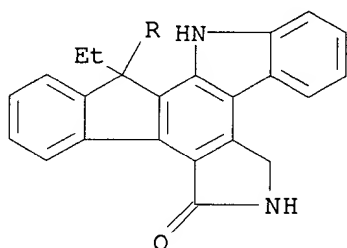
IT **288569-07-3P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(prepn. of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use)

RN 288569-07-3 CAPLUS

CN Butanoic acid, 3,3-dimethyl-, [2-(13-ethyl-6,7,12,13-tetrahydro-5-oxo-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-13-yl)tetrahydro-2-furanyl]methyl ester (9CI) (CA INDEX NAME)



IT **288569-09-5P 288569-20-0P 288569-38-0P**
288569-39-1P

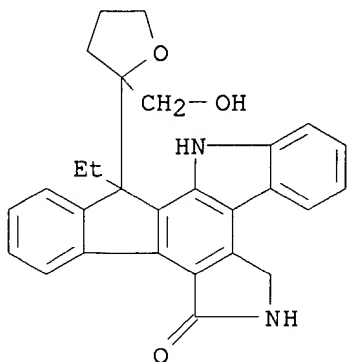
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RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(prepn. of cyclic substituted fused pyrrolocarbazoles and isoindolones with protein kinase inhibiting activity for pharmaceutical use)

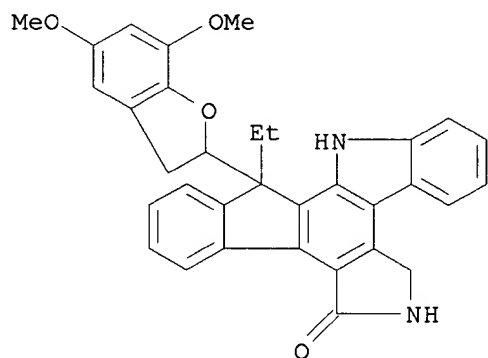
RN 288569-09-5 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 13-ethyl-6,7,12,13-tetrahydro-13-[tetrahydro-2-(hydroxymethyl)-2-furanyl]- (9CI) (CA INDEX NAME)



RN 288569-20-0 CAPLUS

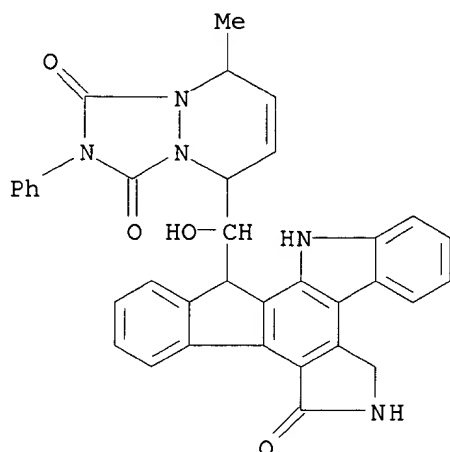
CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 13-(2,3-dihydro-5,7-dimethoxy-2-benzofuranyl)-13-ethyl-6,7,12,13-tetrahydro- (9CI) (CA INDEX NAME)



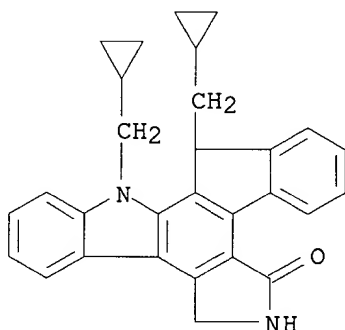
RN 288569-38-0 CAPLUS

CN 1H-[1,2,4]Triazolo[1,2-a]pyridazine-1,3(2H)-dione, 5,8-dihydro-5-[hydroxy(6,7,12,13-tetrahydro-5-oxo-5H-indeno[2,1-a]pyrrolo[3,4-c]carbazol-13-yl)methyl]-8-methyl-2-phenyl- (9CI) (CA INDEX NAME)

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RN 288569-39-1 CAPLUS
CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 12,13-bis(cyclopropylmethyl)-6,7,12,13-tetrahydro- (9CI) (CA INDEX NAME)



REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2002 ACS

ACCESSION NUMBER: 2000:227509 CAPLUS

DOCUMENT NUMBER: 132:260705

TITLE: Methods using fused pyrrolocarbazole compounds for preventing/treating damage to sensory hair cells and cochlear neurons

INVENTOR(S): Ylikoski, Jukka; Pirvola, Ulla; Saarma, Mart; Walton, Kevin; Hudkins, Robert L.

PATENT ASSIGNEE(S): Cephalon, Inc., USA

SOURCE: PCT Int. Appl., 232 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2000018407	A1	20000406	WO 1999-US21780	19990924

W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU,

CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL,
 IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD,
 MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
 SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY,
 KG, KZ, MD, RU, TJ, TM
 RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE,
 DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,
 CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 AU 9960532 A1 20000417 AU 1999-60532 19990924
 EP 1126855 A1 20010829 EP 1999-969678 19990924
 R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
 IE, SI, LT, LV, FI, RO

PRIORITY APPLN. INFO.:

US 1998-101763P P 19980925
 WO 1999-US21780 W 19990924

OTHER SOURCE(S): MARPAT 132:260705

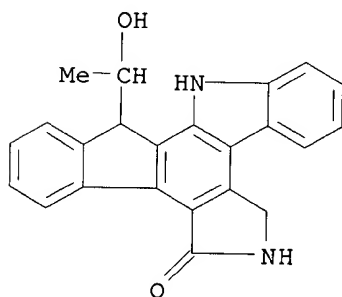
AB Methods for preventing or treating damage to sensory hair cells and cochlear neurons are disclosed. The methods comprise the administration of an effective amt. of a fused pyrrolocarbazole compd. (Markush included). The method provides for the prevention/treatment of both hearing loss and loss of the sense of balance. Prepn. of compds. of the invention is described.

IT **263141-94-2P**

RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)
 (fused pyrrolocarbazoles for preventing or treating damage to sensory hair cells and cochlear neurons)

RN 263141-94-2 CAPLUS

CN 5H-Indeno[2,1-a]pyrrolo[3,4-c]carbazol-5-one, 6,7,12,13-tetrahydro-13-(1-hydroxyethyl)- (9CI) (CA INDEX NAME)



REFERENCE COUNT:

3

THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS
 RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT